



Volume 24

An ARCEC Monthly Publication

November 2015

*Counterpoise Editor - Sue Robins AF6LJ*

## Annual Homebrew Contest

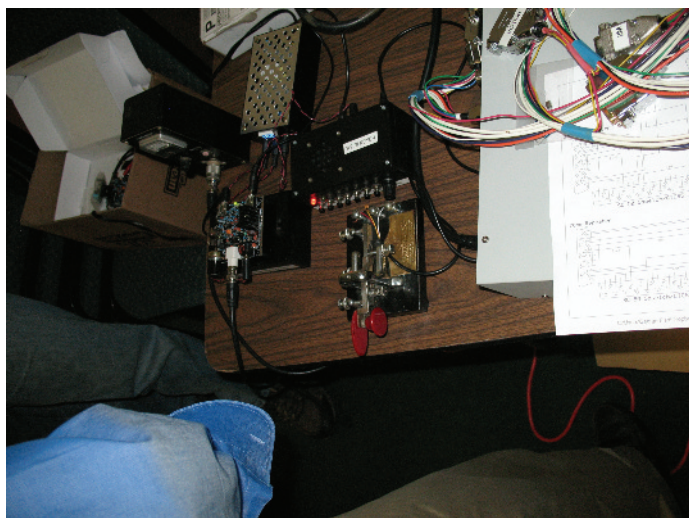
*By Sue Robins AF6LJ*

With our November meeting comes the Homebrew and Kit Project Contest, and this year as in years past was no disappointment. Bob Boehme W2IRI won this year's contest with an array of kit projects, an SDR transceiver, a QRP power meter and a keyer among others. Bob spent some time explaining each of his projects and some of the work that went to them. Bob always has some project he is working on, and has been homebrewing for a long time.

Pat Bunsold WA6MHZ brought his latest in a line of Go kits. The Ultimate Go Kit Version 2 comes well stocked with all that is needed for multi mode operation HF to six meters with a 2/440 FM radio. Battery / AC operation is accomplished with an internal power supply, battery changer, and connections for an external 12 Volt battery of any size.



The charger in the Ultimate Go Kit Version 2 is designed to charge lead acid batteries. There is also metering to monitor voltage and current consumption. A battery booster can be switched in to maintain 13.8 Volts at the radio, thereby maintaining maximum performance from the two radios. A tuner, headphone audio control, USB and HF and VHF packet interfaces round out this feature rich Go Kit. See the next page for pictures.



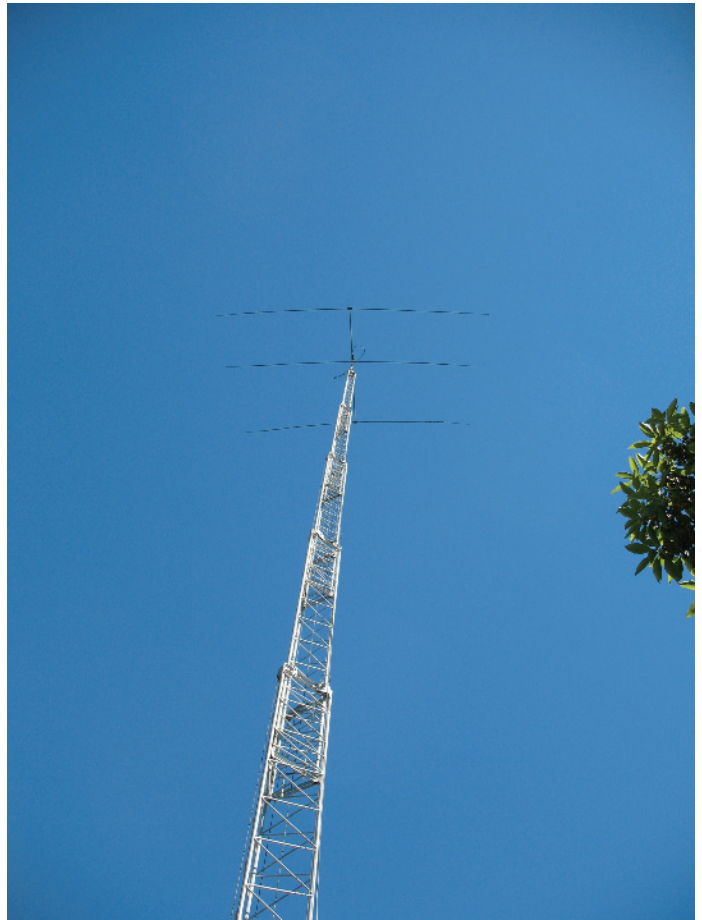




The ultimate Go Kit V-2 also has enough room to stow the netbook that is used for control, and digital modes.

Seen below is a close up of the Ultimate Go Kit V-2 showing the radios and various metering and control functions. A small USB LED lamp can be seen plugged into one of the available USB ports.

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## Fry's Operating Day

ARCEC members came together for another Fry's Operating Day on November 7<sup>th</sup>. Many of the local clubs were represented at Operating day, There was also quite a bit of the general public that filtered through to see and learn about amateur radio. Out thanks goes to Fry's electronics for the use of their parking lot for this event.

WA6MHZ and the Ultimate Go Kit Version 2

## ARCEC Repeater Frequencies

2 Meter Repeater	220 MHZ Repeater	440 MHZ Repeater
TX 146.475	TX 222.480	TX 440.900
RX 147.420	RX 224.080	RX 445.900
Offset .945	Offset 1.6	Offset 5.00
PL 107.2	PL 107.2	PL 107.2



Just a few of the booths at Operating Day, I was unable to take very many pictures between doing setup and takedown and some repeater controller coding I was kept rather busy. Hope to see you at the next Fry's Operating Day.

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## Club Happenings

Officer and board member elections will be held at our December meeting, here are the nominations.

President	Dave Ward	KD6DW
Vice .President.	Peter Krause	KJ6VCM
Secretary	Sue Robins	AF6LJ
Treasurer	George Fish	KJ6WWM
Board Members	Chuck Wood	WD6APP
	Jack Moran	N6FUG
	Pat Bunsold	WA6MHZ
	Paul Thompson	KJ6BYF
	Joe Bennett	W6VMX
	Quinn Lacey	KI6LAT
Past President.	Pat Bunsold	WA6MHZ

*The board is running unopposed this year, however; we have two members nominated for Ham of the Year, please vote for One.*

They are;

Terry Andrews, K6TRY	Social Committee
Paul Thompson, KJ6BYF	Webmaster

## Club Christmas Party

We will be holding our annual Christmas Party for your December Meeting. As usual the Club will provide a ham, some refreshments, and prizes. Our Christmas dinner is pot luck, bring a dish, a desert or whatever you wish.

We will be conducting elections for Board members, Officers and Ham of the Year, please be there, and let your voice be heard. Come join us for the fun and festivities, I hope to see you there.



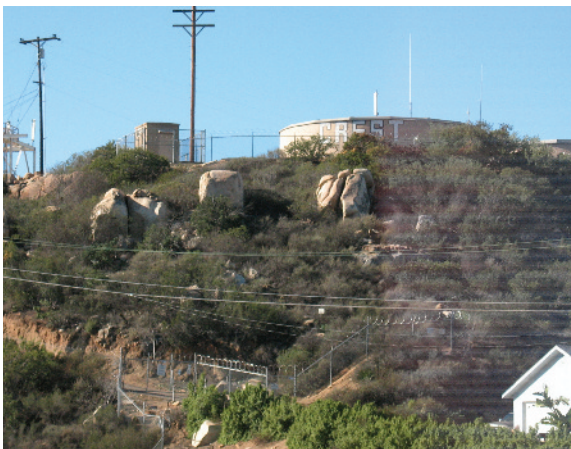
## VHF Repeater Back in Operation

*By Sue Robins AF6LJ*

Shortly after our November meeting the WA6BGS VHF repeater was placed back on the air. We were able to get one of the new Yaesu DR-1X repeaters up on the hill and operational. The morning rag chew group that meets on our machine has migrated back from Lion's Peak where they had been for the time our VHF machine was off the air, **A Big Thank You** goes out to our neighbors over on the Lions Peak Repeater, for use of that machine.

Progress is being made on getting both the new machines up on the site, controller programming is moving along and soon we shall be ready for a second round of tests. We also have our work cut out for us as Padre Dam wants us to use their empty rack space for our equipment. They would like to have us remove the cabinet we are currently using as it takes up quite a bit of space in the equipment vault. As we progress toward the final installation date for our equipment we shall keep you informed. For now we have three working repeaters on the air, and all the normal activities such as the Code Practice Net are back in operation.

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## Club Shirts & Jackets

We have 2013 club shirts and jackets available at meetings. Shirts are available sizes from small to XX large, this year's shirt has a pocket and as usual is green in color with the club logo in white. The cost is \$12.00 each. You can get a 2013 Field Day shirt or the standard club shirt, both styles of shirts have the club logo on the back and the left side.

Jackets are also available in sizes ranging from Medium to XX large. These are of the lined windbreaker style, with side pockets and they snap down the front. The cost is \$24.00 each.

We also have a number of shirts from 2012, these shirts are identical to the 2013 shirts without the pocket, and they are available in both the standard club shirt and the 2012 Field Day shirt. Sizes are limited to stock on hand.

## The San Diego Morse Code Practice Group

Mark Wardwell KB6PJU has been running a code practice group on the WA6BGS VHF and UHF repeaters. The repeaters are linked to accommodate the needs and accessibility of all who wish to participate. The code practice Group meets at 7:00 PM Pacific time on Tuesdays, Thursdays, and Saturdays.

You can discuss the San Diego Morse Code Practice Group here;

<http://www.arrl.org/forum/topics/view/1536>

And here;

<https://forums.qrz.com/index.php?threads/new-2-meter-repeater-cw-teaching-method-developed.492738/>

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## Yuma Hamfest

and site of the ARRL's SW Division Convention

Feb. 19-20, 2016

Yuma County Fairgrounds

For more information see;

<http://www.yumahamfest.org/>



## Latest Swap Meet Listings

See [URL: http://wa6bgs.us/swapmeetlegal.html](http://wa6bgs.us/swapmeetlegal.html) for more listings and posting guidelines..

### ITEM FOR TRADE OR GIVE AWAY

I made a mistake when ordering new solder station heater elements off ebay, and now I have two I cannot use. These are inexpensive items and not worth returning, so I'm offering them for FREE, unless you did the same thing and then we might trade.

24v 50w Hakko Heating Element A1321 for 900M 900L 907 908 913 914

I have two of them. FREE, but I would also trade them for Aoyue 937 heaters.

-Jon Bousselot KK6VLO

Contact me at [jon-bousselot@pacbell.net](mailto:jon-bousselot@pacbell.net)



### For Sale

Rigblaster Pro model #58002-953. Bought but never used, like new condition. Includes all cables and DVD of software (see photos). Original retail price was \$299.95, current retail price is \$269.95, and my asking price is \$150.00 . For more details or to arrange for purchase, please contact Joe Bennett at [w6vmx@rocketmail.com](mailto:w6vmx@rocketmail.com) .

### Wanted

Russ-KK6QWO - I'm a new ham and don't have anything except a HT. I'm looking for a power supply for my Kenwood base, a power cord and a 4 pin mic, not to mention a 2M mobile and antenna. Contact me at [russell.wise@navy.mil](mailto:russell.wise@navy.mil).



Joe - W6VMX - I am looking for a Kenwood TM-621A (or a TM-721A too) dual band VHF/UHF mobile transceiver for parts only. Does not need to be working, just looking to use it to replace parts on another unit. If you have one you want to sell or donate, please contact me via my email at [w6vmx@rocketmail.com](mailto:w6vmx@rocketmail.com) to make arrangements with me. Thanks.





The **AMATEUR RADIO CLUB OF EL CAJON**<sup>Inc.</sup>  
**WA6BGS**

Post Office Box Fifty, El Cajon California 92022

Founded 1960 ~ Incorporated 1976

Please fill out this form and then see options at bottom for submitting to the club

Date of application: \_\_\_ / \_\_\_ / \_\_\_

Amount Paid: \$ \_\_\_\_\_ Cash    Check    Check # \_\_\_\_\_

Membership Type:    Individual (\$20/year)    Family\* (\$35/year)

Membership Status:    New    Renewal    Returning Member

Call Sign    First Name \_\_\_\_\_ Last Name \_\_\_\_\_

If a previous member, what was your WAMO number?

ARRL Member:    Yes    No

License Class:    Technician    General    Extra    Other

Email Address (required) \_\_\_\_\_

Phone Number (optional) \_\_\_\_\_

*\*Use another sheet of paper to add Family members and please include the following information:*

First Name, Last Name, Call Sign (if any), License Class, Wamo Number (if any), & Email Address.

**Submitting this form:**

To submit this form, you can mail it to:

**Amateur Radio Club of El Cajon  
P.O. Box 50  
El Cajon, CA 92022**

-OR-

Bring it to the next club meeting on the second Thursday of each month. You can find the date and location by getting online at [www.wa6bgs.us](http://www.wa6bgs.us) which is the club website. Check it out for the most current information regarding the club.

**Cash Payments - Get a receipt from the Club Treasurer. Please make all checks payable to AMATEUR RADIO CLUB of EL CAJON, Incorporated. Receipts for payments by check will be sent by email or regular mail by the Club Treasurer.**

**Members with an FCC Call Sign are full members with voting privileges. Members without an FCC Call Sign are Associate members without voting privileges.**

**YOUR DUES ARE TAX DEDUCTIBLE: Amateur Radio Club of El Cajon, Inc. Is a 501 C 7 Corporation. Donations are NOT tax deductible.**

**Email address and phone number are to allow club officers to contact members regarding club business and information of interest.**